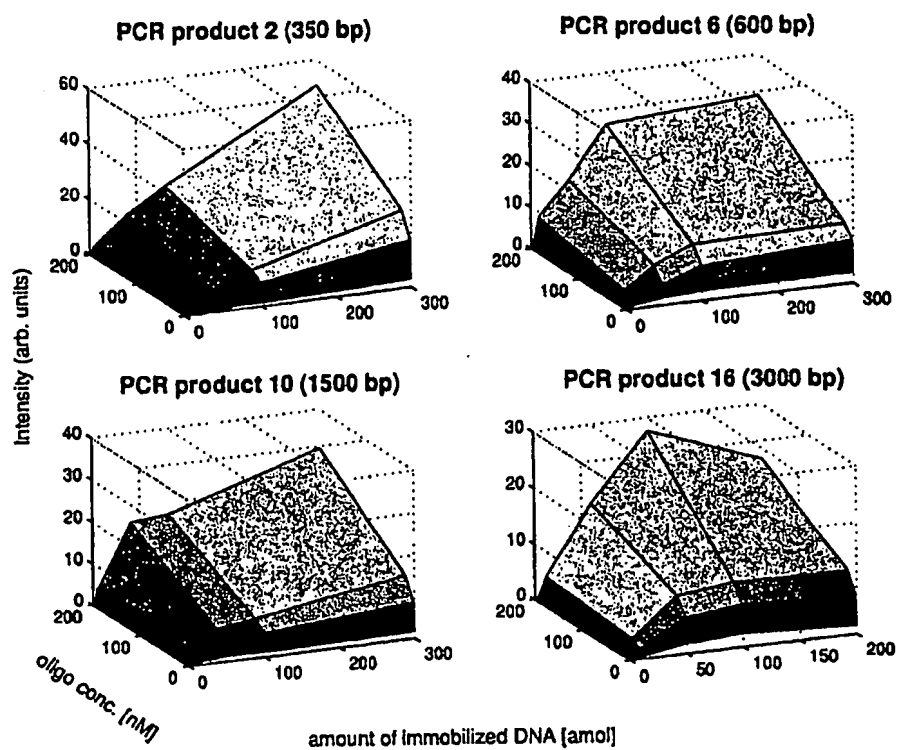
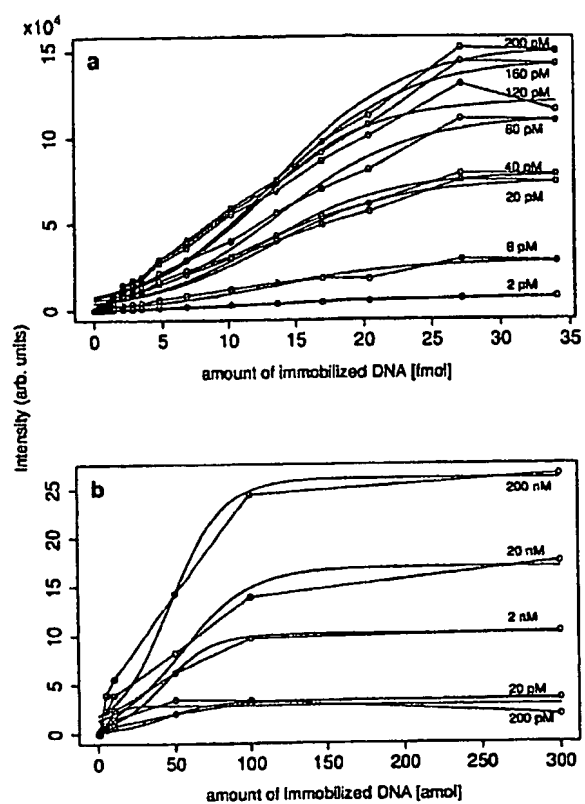


**Figure 1:** Signal intensities in dependence of DNA spot concentrations and of solute target concentrations for nylon membranes. Data shown are averaged over four independent measurements. Data for 4 representative probe species are shown.



**Figure 2:** Signal intensities in dependence of DNA spot concentrations and of solute target concentrations for glass slides. Data shown are averaged over four independent measurements. Data for 4 representative probe species are shown.



**Figure 3:** Data (blue) and fitted model curve (red) for a representative probe fragment on both nylon membrane (a) and a glass slide (b).